

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

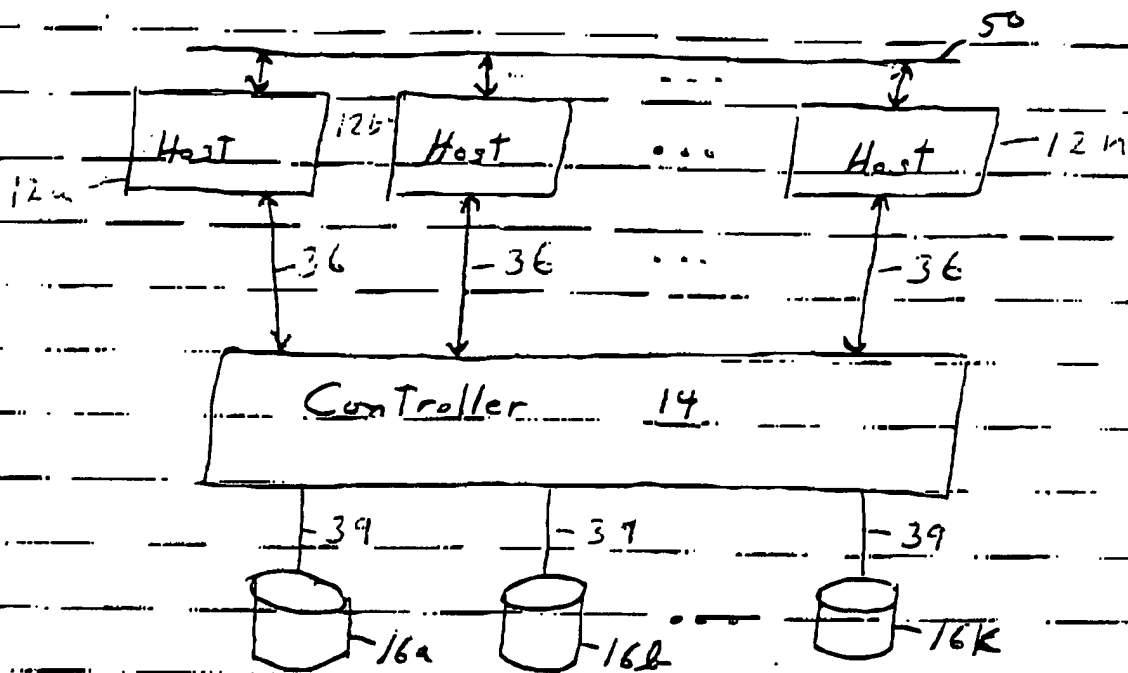


Fig 1

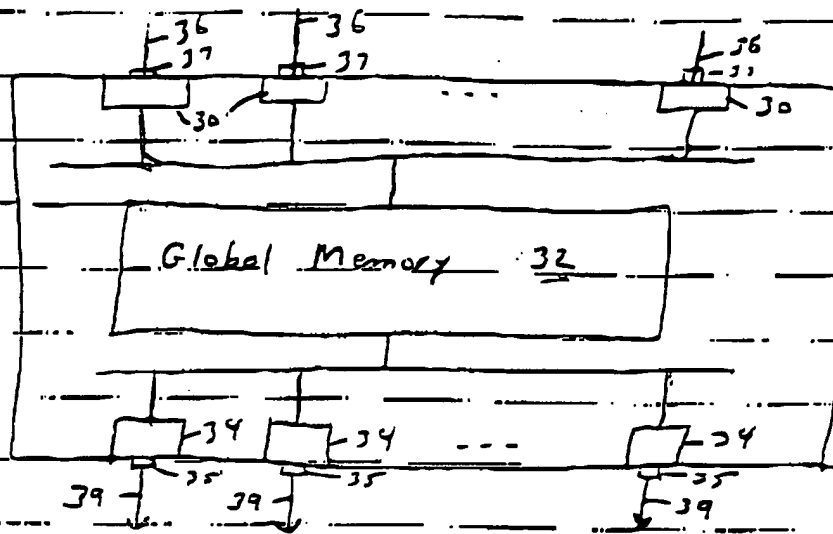


Fig. 2

00542663-1031300

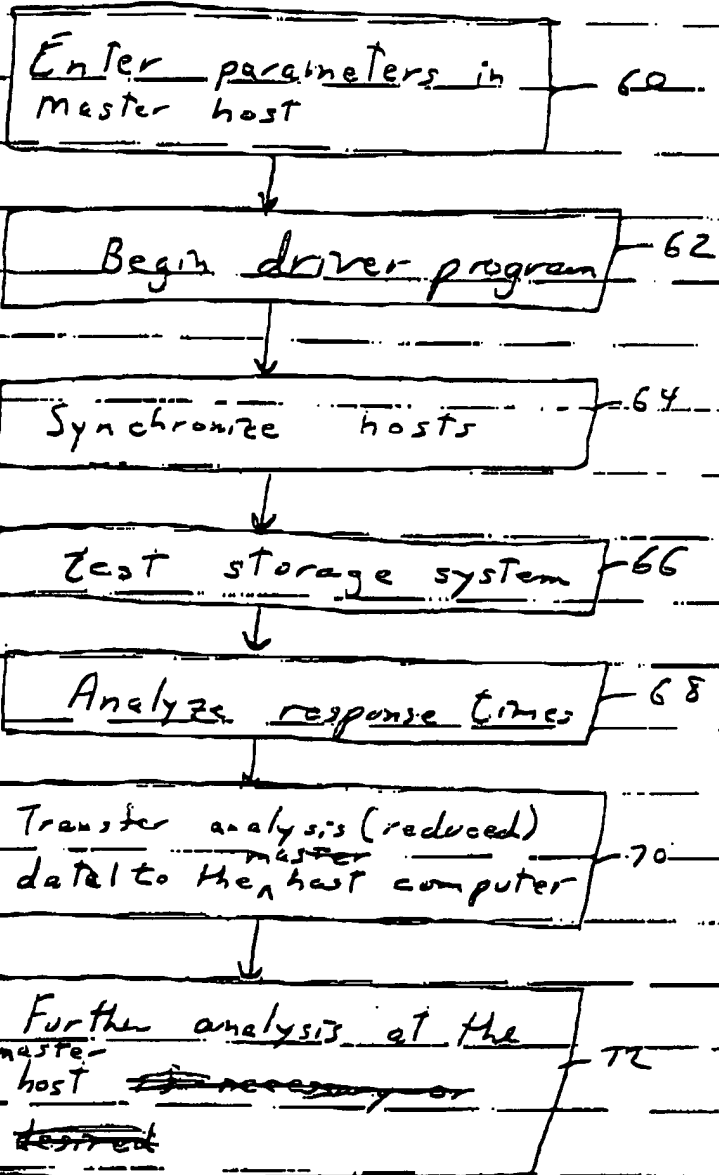


Fig. 3

REQUIRED	Number of logical disks
	Number of "child" processes to start
	Number of capture response times
	Number of response times
	Buffer size
	Offset size
	Maximum range
	time of test
	read/write size
	read/write mix
	ID of devices being tested
	ID of master & client hosts
	I/O type (sequential or random)
	Number of I/O operations performed to correct offset
OPTIONAL	Displacement from offset
	Delay between commands
	Initial byte offset
	Number of seeks for random I/O
	Data reduction method
	ICDA percent hit rate

Fig. 4

START

Read required and
optional Arguments

100

Store Arguments in
data files

102

Use driver program
to set up hosts

106

time synchronize
all hosts

108

transfer configuration
and parameter files
to client hosts

110

initiate test

112

test
complete?

No

114

Yes

116

reduce collected data

Transfer collected data
to master host

118

effect data analysis

120

another
test?

Y

104

further
analysis
data

122

Yes

next
configuration

124

No

Fig 5

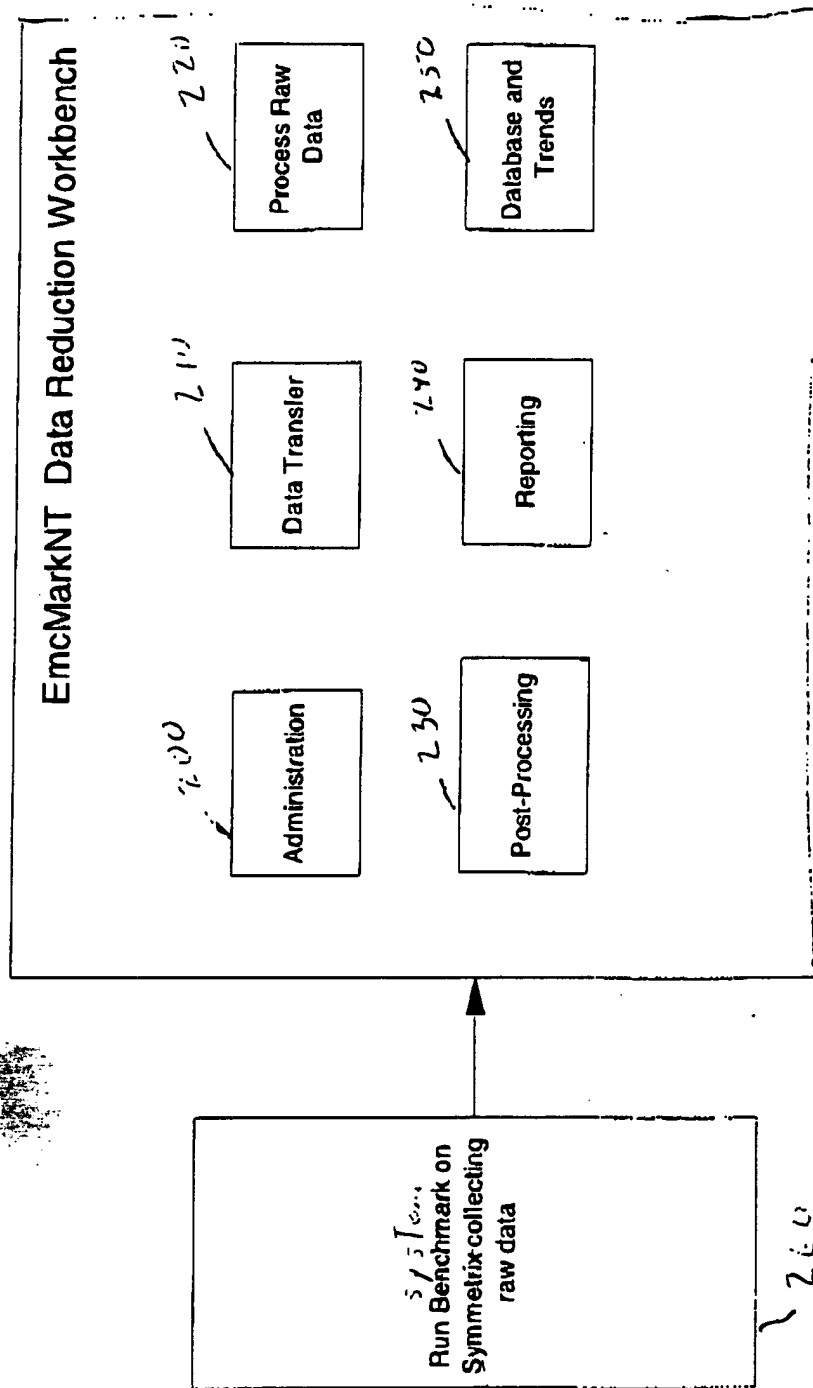


Fig. 6

EmcMarkNT Data Reduction Workbench Flow

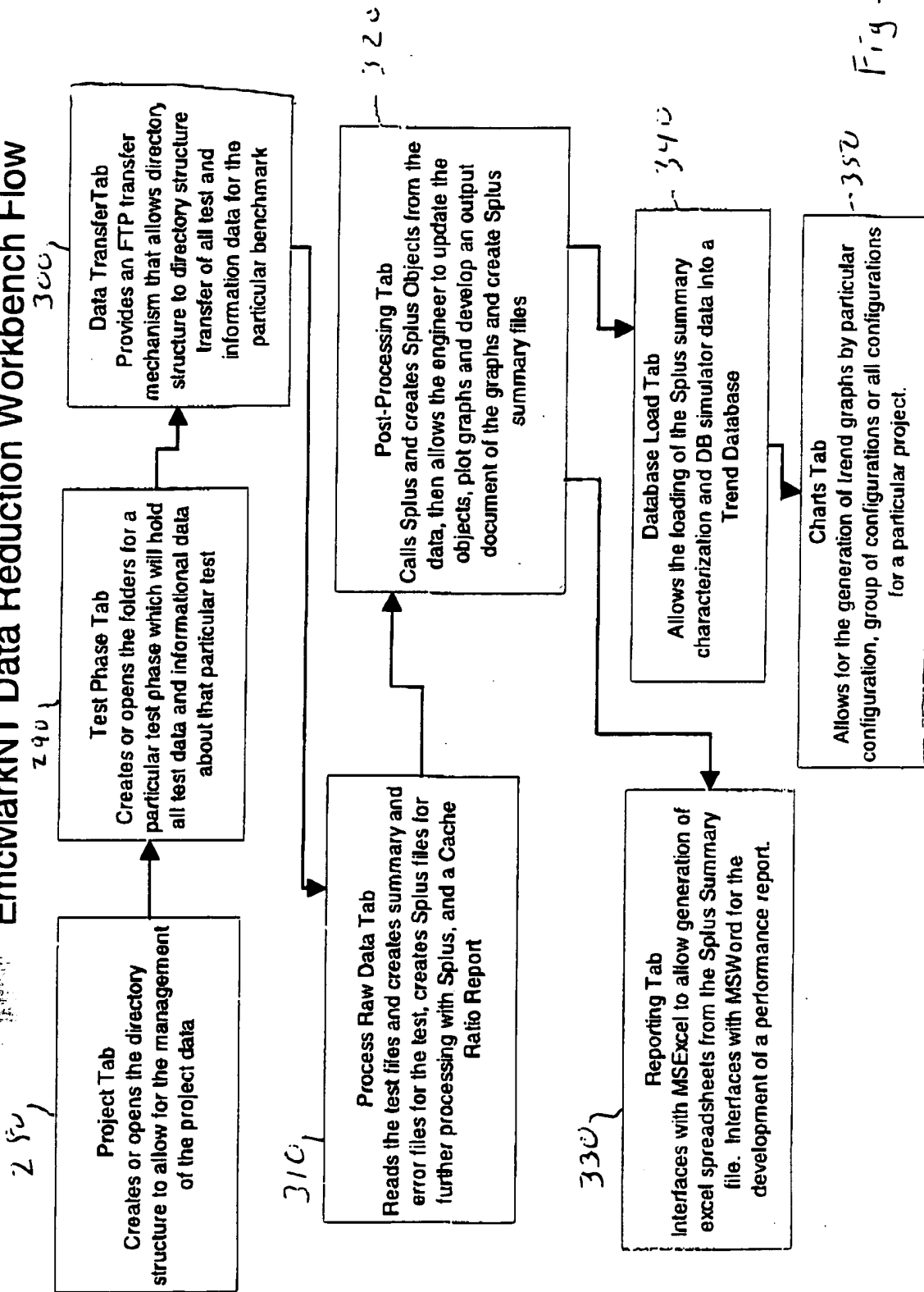
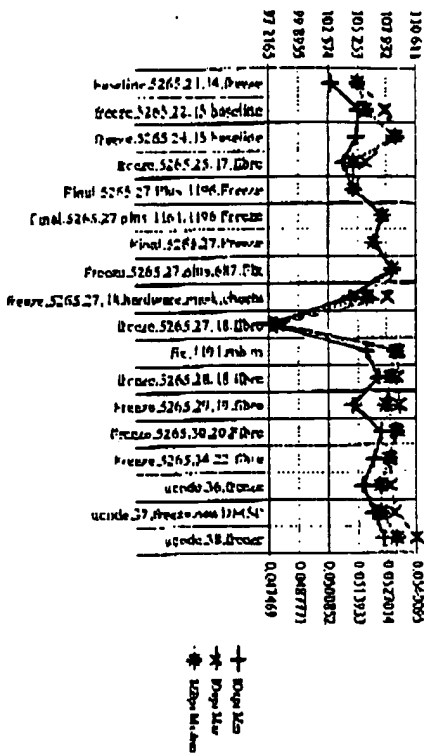


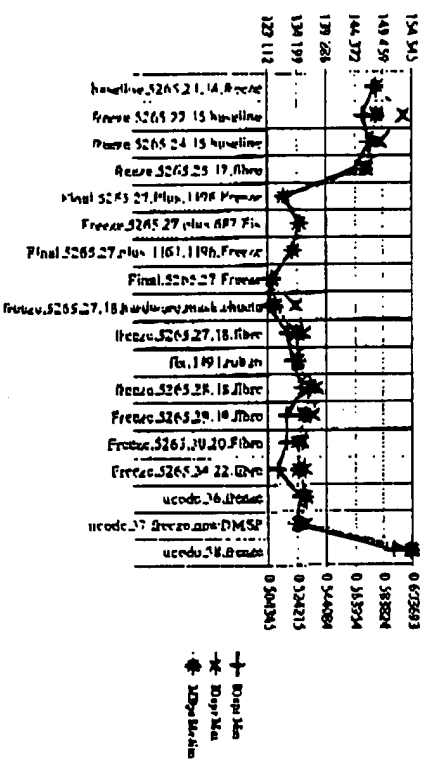
Fig. 7

100ms and NIBos for Random Delayed Fast Write - Req Size 512

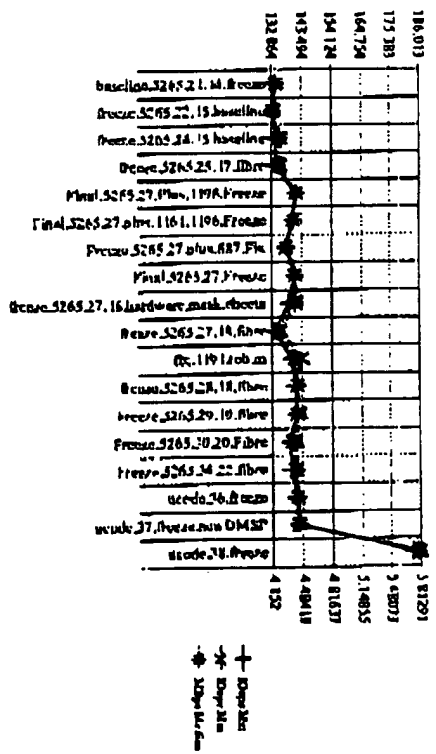


BA - 1 Balance - 1 EAPort - 1 DA - 1 DAPort - 1 Drive - 2 Lcm - 1 Hyper - 1

Corps and Maps for Random Delayed Ford Vnile - Reg Size 4D96

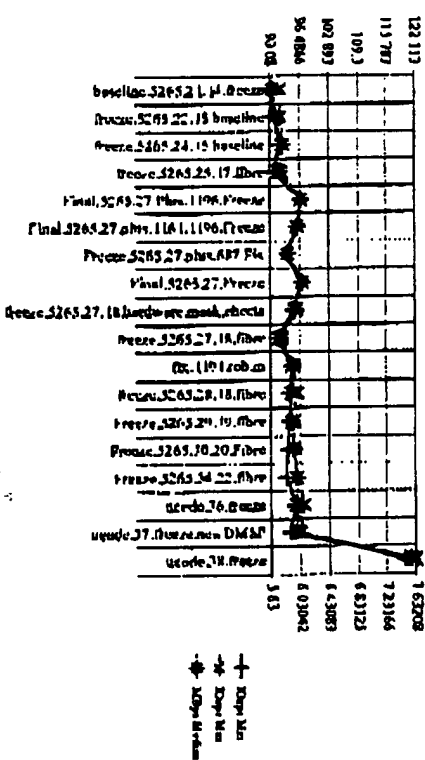


DA - 1 BAPor - 1 BAPem - 1 DA - 2 DAPor - 2 DAPem - 2 Dtrn - 2 Lm - 1 Hgrr - 1



BA - 1 БАРҮР - 1 БАҮР. 1 ДА - 1 ДАТҮР - 1 ДАҮР - 1 ДИР - 1 ЛУ - 1 МУР - 1

10mps and 11Bps for Random Delayed Pwd Write - Req Size 6436



BA - I BAPM - I BAFM - I DA - I DAPM - I DAPM - I DM - I BPPM - I

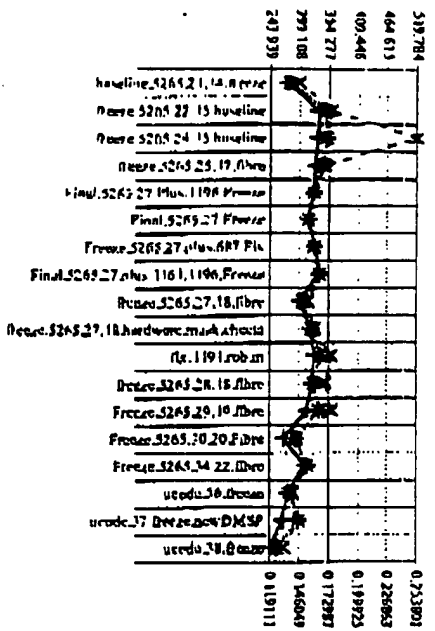
01/19/00

EMC Confidential

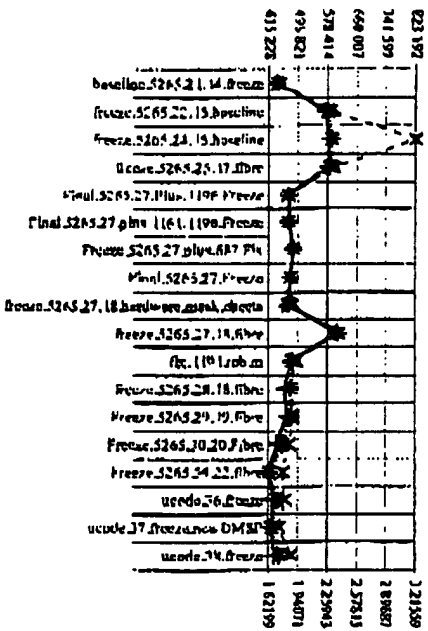
00000000000000000000

Fig 8A

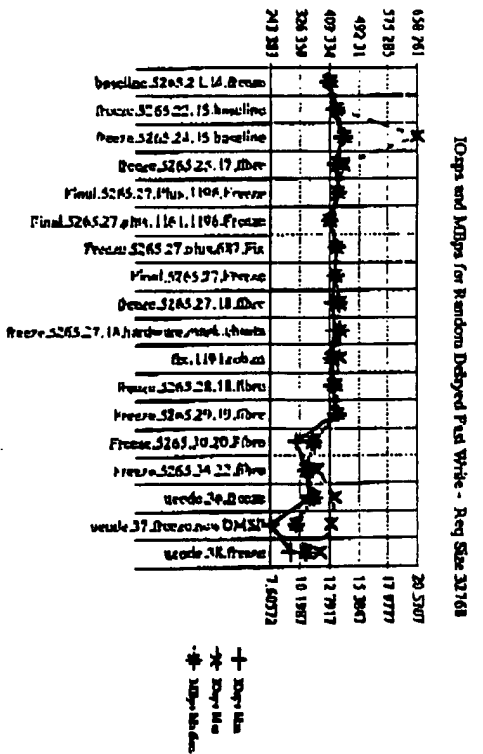
1. Speed and Accuracy for Randomly Delayed First Write - Res 512



Lin. 4 DAIYon. 8 MAJOn. 8 DA-1 DAIYer. 7 DAIYen. 7 DiYev. 12 Len. 24 Ilyer. 4

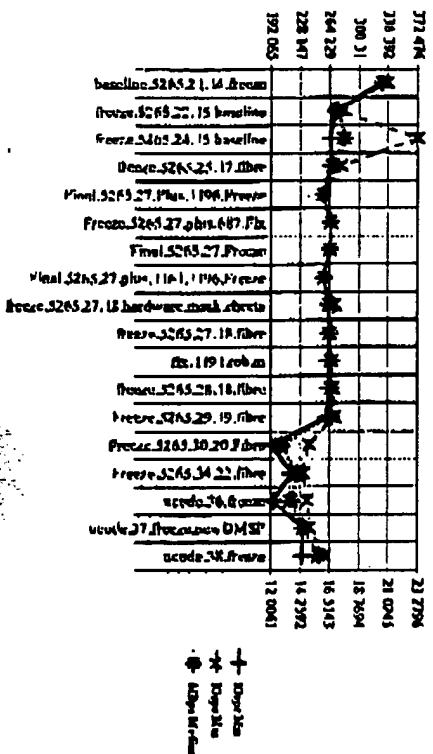
IOps and MBps for Random Delayed First Write - Req Size 4096

EA - 1 DAFter - 2 BABer - 3 DA - 2 DAFter - 1 DAFer - 7 Diter - 12 Lue - 24 Lipar - 4



BA-4 BAPPI-0 BAWI-0 DA-1 DAPK-1 DAPI-1 DPK-1 LK-1 MIPK-4

Kops and MBps for Random Delayed Fast Write - Req Size 65536

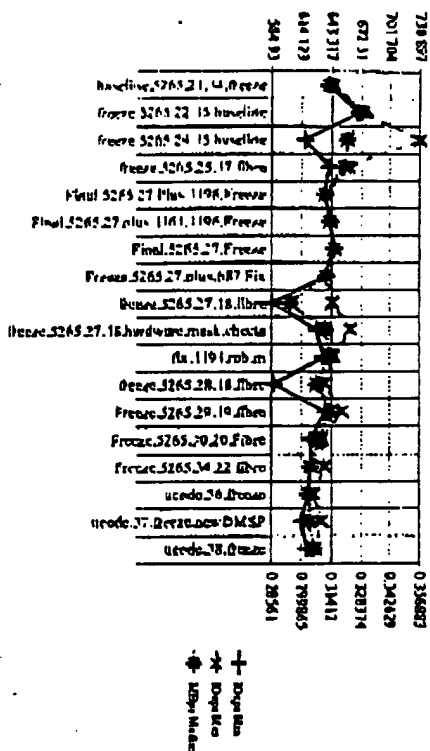


BA-6 BAPU-8 BAPU-9 DA-7 DAPU-1 DAPU-2 DAPU-3 DAPU-4 DAPU-5 DAPU-6 DAPU-7 DAPU-8 DAPU-9 DAPU-10 DAPU-11 DAPU-12 DAPU-13 DAPU-14 DAPU-15 DAPU-16 DAPU-17 DAPU-18 DAPU-19 DAPU-20 DAPU-21 DAPU-22 DAPU-23 DAPU-24 DAPU-25 DAPU-26 DAPU-27 DAPU-28 DAPU-29 DAPU-30 DAPU-31 DAPU-32 DAPU-33 DAPU-34 DAPU-35 DAPU-36 DAPU-37 DAPU-38 DAPU-39 DAPU-40 DAPU-41 DAPU-42 DAPU-43 DAPU-44 DAPU-45 DAPU-46 DAPU-47 DAPU-48 DAPU-49 DAPU-50 DAPU-51 DAPU-52 DAPU-53 DAPU-54 DAPU-55 DAPU-56 DAPU-57 DAPU-58 DAPU-59 DAPU-60 DAPU-61 DAPU-62 DAPU-63 DAPU-64 DAPU-65 DAPU-66 DAPU-67 DAPU-68 DAPU-69 DAPU-70 DAPU-71 DAPU-72 DAPU-73 DAPU-74 DAPU-75 DAPU-76 DAPU-77 DAPU-78 DAPU-79 DAPU-80 DAPU-81 DAPU-82 DAPU-83 DAPU-84 DAPU-85 DAPU-86 DAPU-87 DAPU-88 DAPU-89 DAPU-90 DAPU-91 DAPU-92 DAPU-93 DAPU-94 DAPU-95 DAPU-96 DAPU-97 DAPU-98 DAPU-99 DAPU-100 DAPU-101 DAPU-102 DAPU-103 DAPU-104 DAPU-105 DAPU-106 DAPU-107 DAPU-108 DAPU-109 DAPU-110 DAPU-111 DAPU-112 DAPU-113 DAPU-114 DAPU-115 DAPU-116 DAPU-117 DAPU-118 DAPU-119 DAPU-120 DAPU-121 DAPU-122 DAPU-123 DAPU-124 DAPU-125 DAPU-126 DAPU-127 DAPU-128 DAPU-129 DAPU-130 DAPU-131 DAPU-132 DAPU-133 DAPU-134 DAPU-135 DAPU-136 DAPU-137 DAPU-138 DAPU-139 DAPU-140 DAPU-141 DAPU-142 DAPU-143 DAPU-144 DAPU-145 DAPU-146 DAPU-147 DAPU-148 DAPU-149 DAPU-150 DAPU-151 DAPU-152 DAPU-153 DAPU-154 DAPU-155 DAPU-156 DAPU-157 DAPU-158 DAPU-159 DAPU-160 DAPU-161 DAPU-162 DAPU-163 DAPU-164 DAPU-165 DAPU-166 DAPU-167 DAPU-168 DAPU-169 DAPU-170 DAPU-171 DAPU-172 DAPU-173 DAPU-174 DAPU-175 DAPU-176 DAPU-177 DAPU-178 DAPU-179 DAPU-180 DAPU-181 DAPU-182 DAPU-183 DAPU-184 DAPU-185 DAPU-186 DAPU-187 DAPU-188 DAPU-189 DAPU-190 DAPU-191 DAPU-192 DAPU-193 DAPU-194 DAPU-195 DAPU-196 DAPU-197 DAPU-198 DAPU-199 DAPU-200 DAPU-201 DAPU-202 DAPU-203 DAPU-204 DAPU-205 DAPU-206 DAPU-207 DAPU-208 DAPU-209 DAPU-210 DAPU-211 DAPU-212 DAPU-213 DAPU-214 DAPU-215 DAPU-216 DAPU-217 DAPU-218 DAPU-219 DAPU-220 DAPU-221 DAPU-222 DAPU-223 DAPU-224 DAPU-225 DAPU-226 DAPU-227 DAPU-228 DAPU-229 DAPU-230 DAPU-231 DAPU-232 DAPU-233 DAPU-234 DAPU-235 DAPU-236 DAPU-237 DAPU-238 DAPU-239 DAPU-240 DAPU-241 DAPU-242 DAPU-243 DAPU-244 DAPU-245 DAPU-246 DAPU-247 DAPU-248 DAPU-249 DAPU-250 DAPU-251 DAPU-252 DAPU-253 DAPU-254 DAPU-255 DAPU-256 DAPU-257 DAPU-258 DAPU-259 DAPU-260 DAPU-261 DAPU-262 DAPU-263 DAPU-264 DAPU-265 DAPU-266 DAPU-267 DAPU-268 DAPU-269 DAPU-270 DAPU-271 DAPU-272 DAPU-273 DAPU-274 DAPU-275 DAPU-276 DAPU-277 DAPU-278 DAPU-279 DAPU-280 DAPU-281 DAPU-282 DAPU-283 DAPU-284 DAPU-285 DAPU-286 DAPU-287 DAPU-288 DAPU-289 DAPU-290 DAPU-291 DAPU-292 DAPU-293 DAPU-294 DAPU-295 DAPU-296 DAPU-297 DAPU-298 DAPU-299 DAPU-300 DAPU-301 DAPU-302 DAPU-303 DAPU-304 DAPU-305 DAPU-306 DAPU-307 DAPU-308 DAPU-309 DAPU-310 DAPU-311 DAPU-312 DAPU-313 DAPU-314 DAPU-315 DAPU-316 DAPU-317 DAPU-318 DAPU-319 DAPU-320 DAPU-321 DAPU-322 DAPU-323 DAPU-324 DAPU-325 DAPU-326 DAPU-327 DAPU-328 DAPU-329 DAPU-330 DAPU-331 DAPU-332 DAPU-333 DAPU-334 DAPU-335 DAPU-336 DAPU-337 DAPU-338 DAPU-339 DAPU-340 DAPU-341 DAPU-342 DAPU-343 DAPU-344 DAPU-345 DAPU-346 DAPU-347 DAPU-348 DAPU-349 DAPU-350 DAPU-351 DAPU-352 DAPU-353 DAPU-354 DAPU-355 DAPU-356 DAPU-357 DAPU-358 DAPU-359 DAPU-360 DAPU-361 DAPU-362 DAPU-363 DAPU-364 DAPU-365 DAPU-366 DAPU-367 DAPU-368 DAPU-369 DAPU-370 DAPU-371 DAPU-372 DAPU-373 DAPU-374 DAPU-375 DAPU-376 DAPU-377 DAPU-378 DAPU-379 DAPU-380 DAPU-381 DAPU-382 DAPU-383 DAPU-384 DAPU-385 DAPU-386 DAPU-387 DAPU-388 DAPU-389 DAPU-390 DAPU-391 DAPU-392 DAPU-393 DAPU-394 DAPU-395 DAPU-396 DAPU-397 DAPU-398 DAPU-399 DAPU-400 DAPU-401 DAPU-402 DAPU-403 DAPU-404 DAPU-405 DAPU-406 DAPU-407 DAPU-408 DAPU-409 DAPU-410 DAPU-411 DAPU-412 DAPU-413 DAPU-414 DAPU-415 DAPU-416 DAPU-417 DAPU-418 DAPU-419 DAPU-420 DAPU-421 DAPU-422 DAPU-423 DAPU-424 DAPU-425 DAPU-426 DAPU-427 DAPU-428 DAPU-429 DAPU-430 DAPU-431 DAPU-432 DAPU-433 DAPU-434 DAPU-435 DAPU-436 DAPU-437 DAPU-438 DAPU-439 DAPU-440 DAPU-441 DAPU-442 DAPU-443 DAPU-444 DAPU-445 DAPU-446 DAPU-447 DAPU-448 DAPU-449 DAPU-450 DAPU-451 DAPU-452 DAPU-453 DAPU-454 DAPU-455 DAPU-456 DAPU-457 DAPU-458 DAPU-459 DAPU-460 DAPU-461 DAPU-462 DAPU-463 DAPU-464 DAPU-465 DAPU-466 DAPU-467 DAPU-468 DAPU-469 DAPU-470 DAPU-471 DAPU-472 DAPU-473 DAPU-474 DAPU-475 DAPU-476 DAPU-477 DAPU-478 DAPU-479 DAPU-480 DAPU-481 DAPU-482 DAPU-483 DAPU-484 DAPU-485 DAPU-486 DAPU-487 DAPU-488 DAPU-489 DAPU-490 DAPU-491 DAPU-492 DAPU-493 DAPU-494 DAPU-495 DAPU-496 DAPU-497 DAPU-498 DAPU-499 DAPU-500 DAPU-501 DAPU-502 DAPU-503 DAPU-504 DAPU-505 DAPU-506 DAPU-507 DAPU-508 DAPU-509 DAPU-510 DAPU-511 DAPU-512 DAPU-513 DAPU-514 DAPU-515 DAPU-516 DAPU-517 DAPU-518 DAPU-519 DAPU-520 DAPU-521 DAPU-522 DAPU-523 DAPU-524 DAPU-525 DAPU-526 DAPU-527 DAPU-528 DAPU-529 DAPU-530 DAPU-531 DAPU-532 DAPU-533 DAPU-534 DAPU-535 DAPU-536 DAPU-537 DAPU-538 DAPU-539 DAPU-540 DAPU-541 DAPU-542 DAPU-543 DAPU-544 DAPU-545 DAPU-546 DAPU-547 DAPU-548 DAPU-549 DAPU-550 DAPU-551 DAPU-552 DAPU-553 DAPU-554 DAPU-555 DAPU-556 DAPU-557 DAPU-558 DAPU-559 DAPU-560 DAPU-561 DAPU-562 DAPU-563 DAPU-564 DAPU-565 DAPU-566 DAPU-567 DAPU-568 DAPU-569 DAPU-570 DAPU-571 DAPU-572 DAPU-573 DAPU-574 DAPU-575 DAPU-576 DAPU-577 DAPU-578 DAPU-579 DAPU-580 DAPU-581 DAPU-582 DAPU-583 DAPU-584 DAPU-585 DAPU-586 DAPU-587 DAPU-588 DAPU-589 DAPU-590 DAPU-591 DAPU-592 DAPU-593 DAPU-594 DAPU-595 DAPU-596 DAPU-597 DAPU-598 DAP

Fig 8C

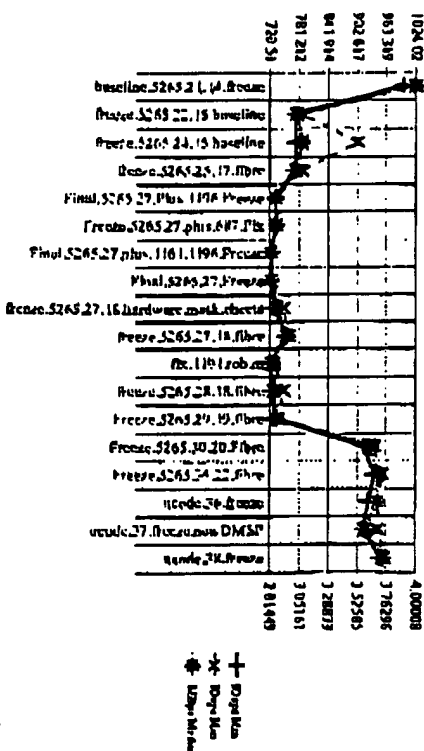
symm48.5265.fibre

IOops and MDops for Random Delayed Fast Write - Req Size 512



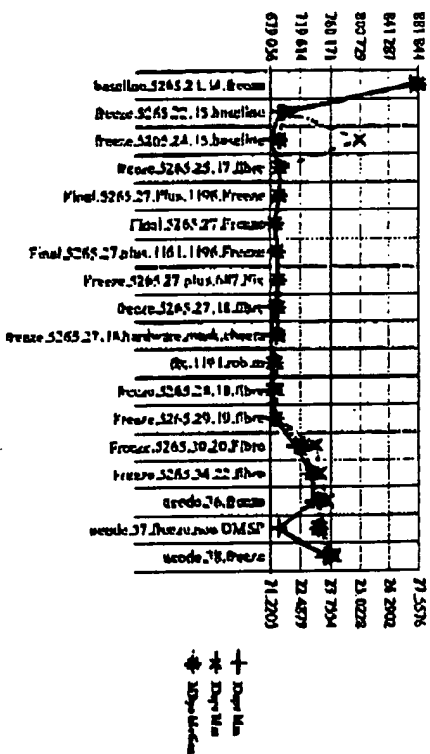
BA - 4 BAPR - 8 BAPR - 8 DA - 3 DAPR - 3 DAPR - 4 DAPR - 24 Lm - 48 Hyper - 4

IOops and MDops for Random Delayed Fast Write - Req Size 4096



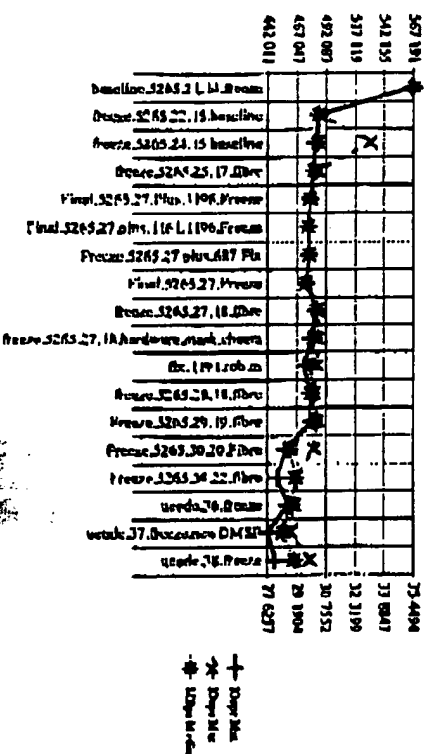
BA - 4 BAPR - 8 BAPR - 8 DA - 3 DAPR - 3 DAPR - 4 DAPR - 24 Lm - 48 Hyper - 4

IOops and MDops for Random Delayed Fast Write - Req Size 32768



BA - 4 BAPR - 8 BAPR - 8 DA - 3 DAPR - 3 DAPR - 4 DAPR - 24 Lm - 48 Hyper - 4

IOops and MDops for Random Delayed Fast Write - Req Size 65536



BA - 4 BAPR - 8 BAPR - 8 DA - 3 DAPR - 3 DAPR - 4 DAPR - 24 Lm - 48 Hyper - 4

Fig 8D

01/9/00

EMC Confidential

09642263 031300

The Post Processing Tab creates objects, plot graphs and generates summary files using the Splus Data Analysis Software.

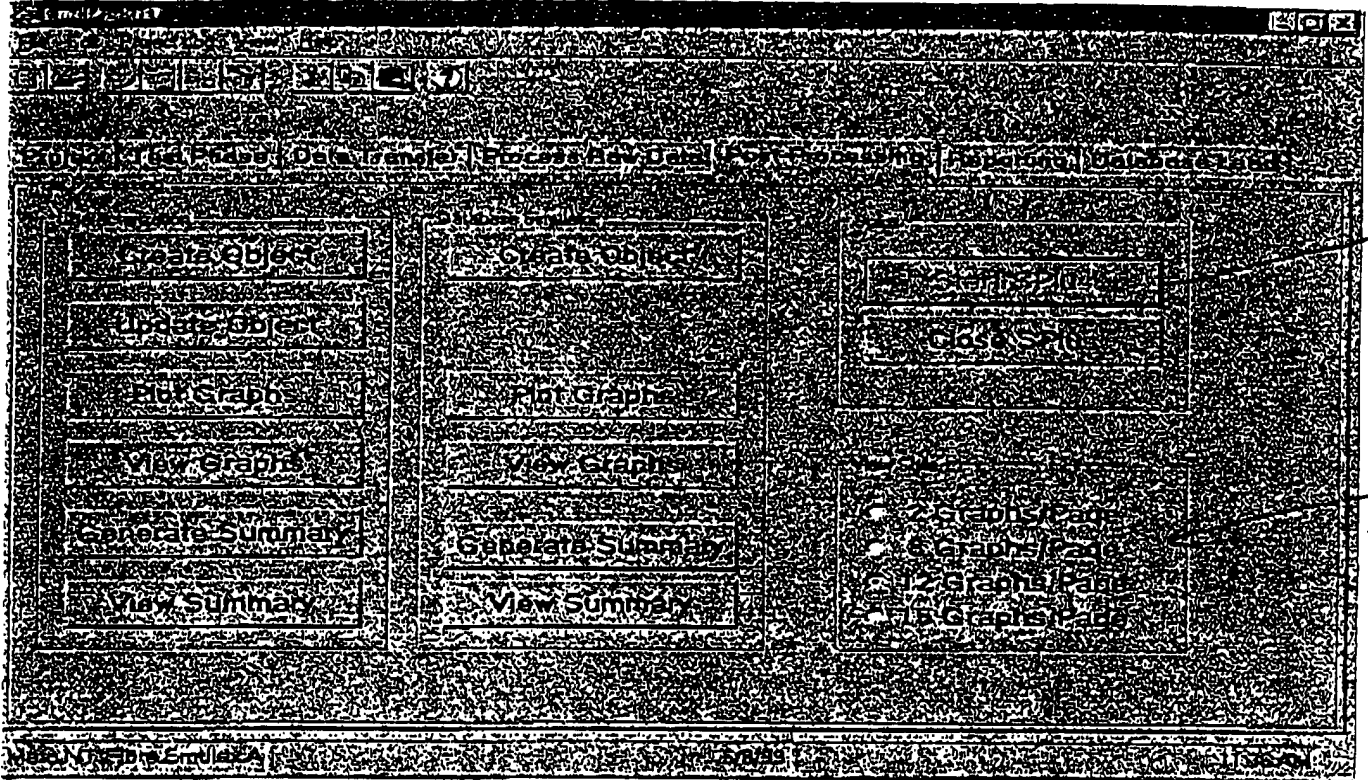


Fig. 4

1. Click on the Start Splus Button

1. Click on the Start Splus Button
(Object buttons will be grayed out until Splus is running. If graphs or summary files have already been created those buttons will be visible)
2. Bring up the Splus window to watch for errors and to use during the Update Objects routine
3. Select 2 graphs/page 8 graphs/page, 12 graphs/page or 15 graphs/page option for viewing the graphs once generated
4. **Process Characterization or Database Simulator objects follow instructions on the next page.**
5. Select the Close Splus button when you are leaving this tab
(If there is a problem closing Splus, bring up the window and close manually. Select NO twice to its Save Reports and Objects questions)

(If you forget to close Splus before you exit the EMCMarkNT Data Reduction Tool you will need to quit out of Splus from the command line by typing `q()` or by file -> exit)

- ## 6. Go to the Reporting Tab

Symmetrix Configuration View

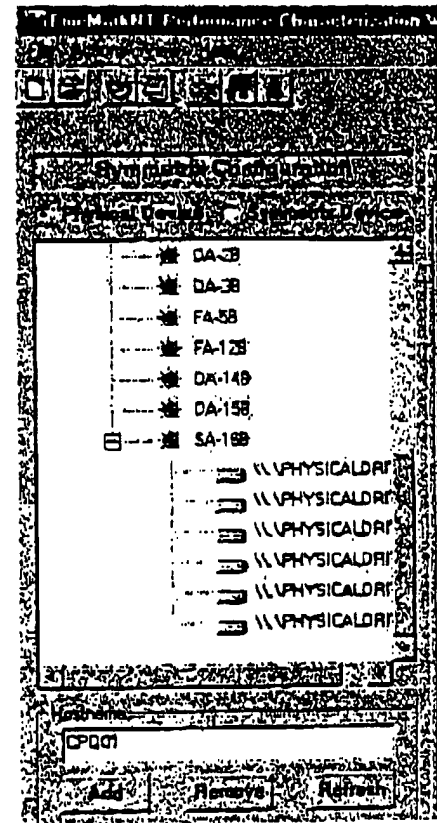
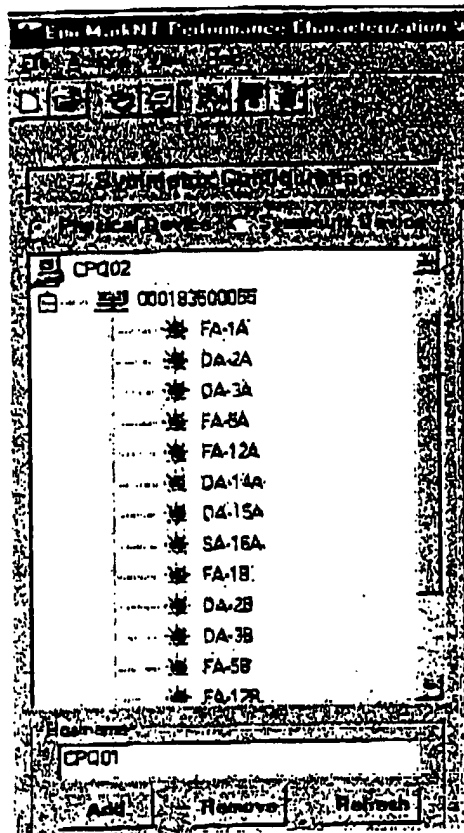
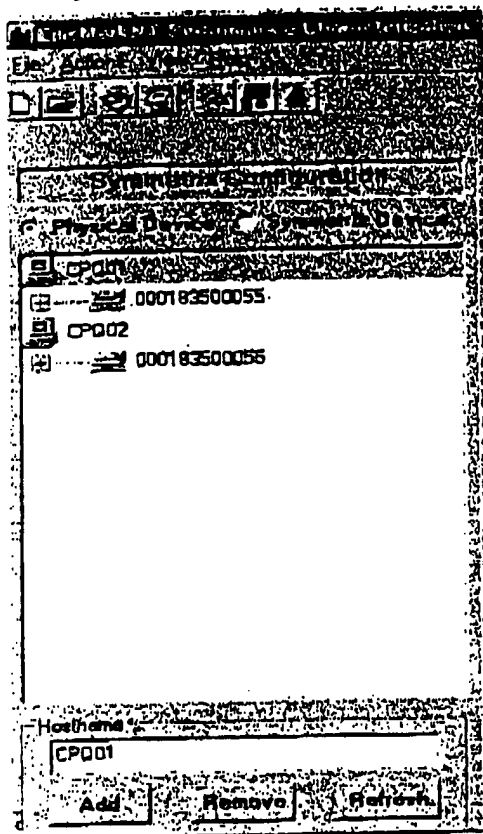


Fig. 9A

Lists the hosts and Symmetrix system

When the Symmetrix is expanded, BAs and DAs and will be displayed. Red indicates inactive and green indicates active

Physical Devices – will list the physical device names connected to the Symmetrix

Symmetrix Devices - will list the Symmetrix device names connected to the Symmetrix

Hostname – is the host highlighted on the list

The first host in the list is considered the Master Host

If no host is listed then the host you are on is considered the Master Host

Local, Remote, Gateway

If the Master Host is the host you are on then the job will run locally

If the Master Host is not the host you are then the job will run remotely, except

If there is a gateway setup in the Environment Tab, then the job will run through the gateway

Add – will add the host name typed in the Hostname box

Remove – will remove the host name typed in the Hostname box

Refresh – will refresh the host/Symmetrix information

Device Details

Vendor:	EMC	Port:	0
Product:	SYMMETRIX	Port 1:	0
Symmetrix ID:	000183500055	Port 2:	2
Device:	SA-168		
Port Number:	1		

Symmetrix Device:	000	Block Size:	512
Physical Device:	\\PHYSICALDRVE0	Capacity:	7741440
Logical Device:		Cylinders:	8064
Serial Number:	55000321	Emulation:	FBA
Device Status:	Ready	Mirror Policy:	two-way mirror

<input type="checkbox"/> CDD	<input type="checkbox"/> META Head	<input type="checkbox"/> Power Path Parent	<input type="checkbox"/> RUF
<input type="checkbox"/> ASSOC	<input type="checkbox"/> META Member	<input type="checkbox"/> Power Path Child	<input type="checkbox"/> BGS
<input type="checkbox"/> VCM	<input type="checkbox"/> Gatekeeper	<input type="checkbox"/> Power Path Sibling	<input type="checkbox"/> BCP
<input type="checkbox"/> Head	<input type="checkbox"/> Multichannel	<input type="checkbox"/> No channel	<input type="checkbox"/> META

OK

FIG. 9B

Symmetrix Details

Director Details	
Director:	FA-1A
Director Type:	Fibre Adapter
Director Num:	1
Slot Num:	1
SCSI Width:	N/A
Num Ports:	1
Port 0 status:	On
Port 1 status:	N/A
Port 2 status:	N/A
Port 3 status:	N/A

OK

FIG. 9C

File 9D

- Select the **New Project** button to setup a new project, or the **Open Project** button to open a different Project.

- Select the New Test Phase button to setup a new test phase, or the Open Test Phase button to open a different Test phase under this project.

Storage Array Frame and Details Frame information from the ini file located in the Test Phase/Scripts folder. You can manually update the fields, or if you double click on the Symmetrix box the information gathered from the Symmetrix will be populated into those fields and upon exit will be written to the ini file.

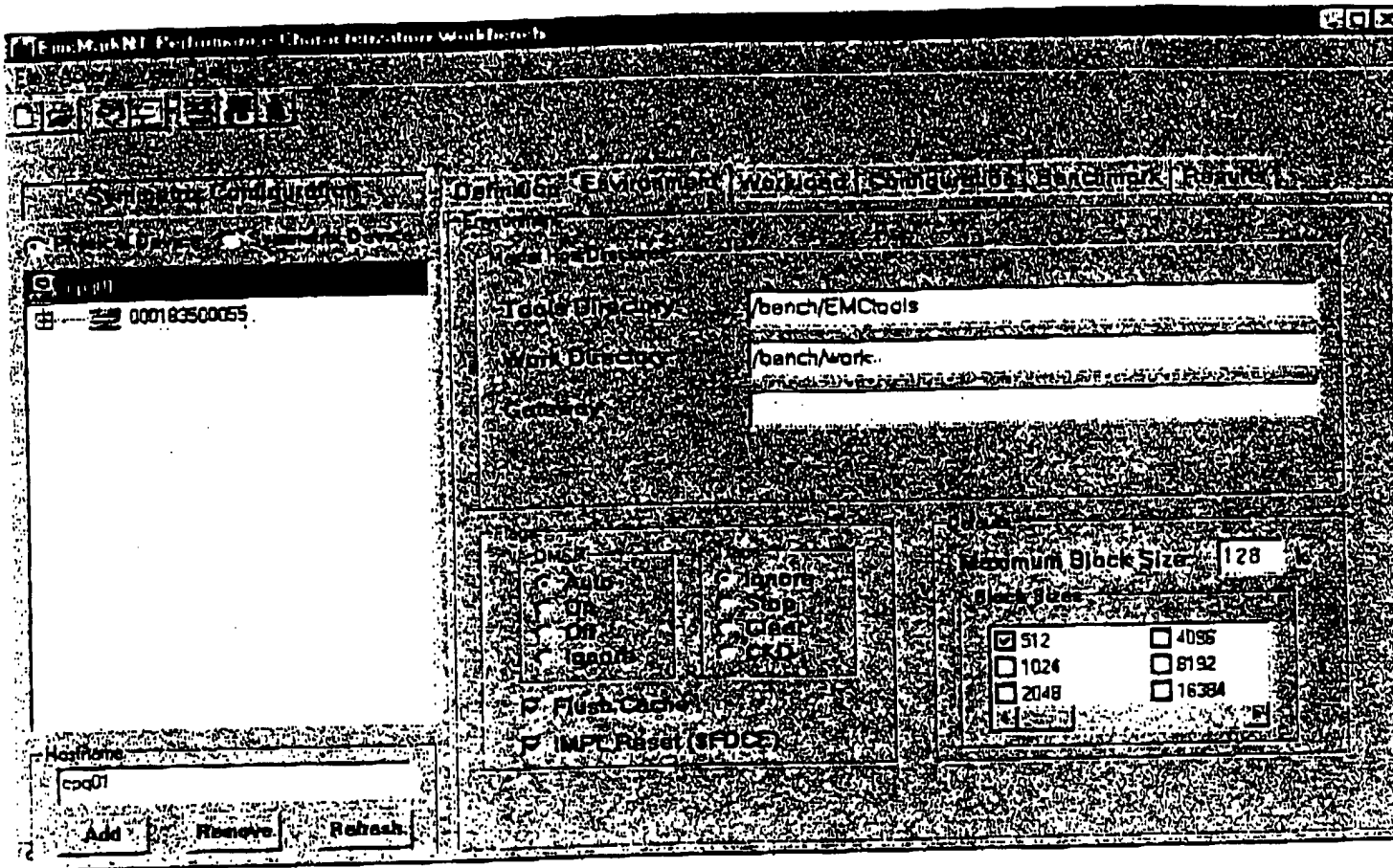


FIG 9E

Tools Directory - where the master scripts are located

Work Directory - your personal work folder

Flags -

DMSP

Trace

Flush Cache -

IMPL Reset (\$FDCE) -

Defaults - Maximum Block size set to 128k

- Default blocks sizes selected for Workload when run directly from the Workbench

- Not selected upon exit, must reset look time

000183500055

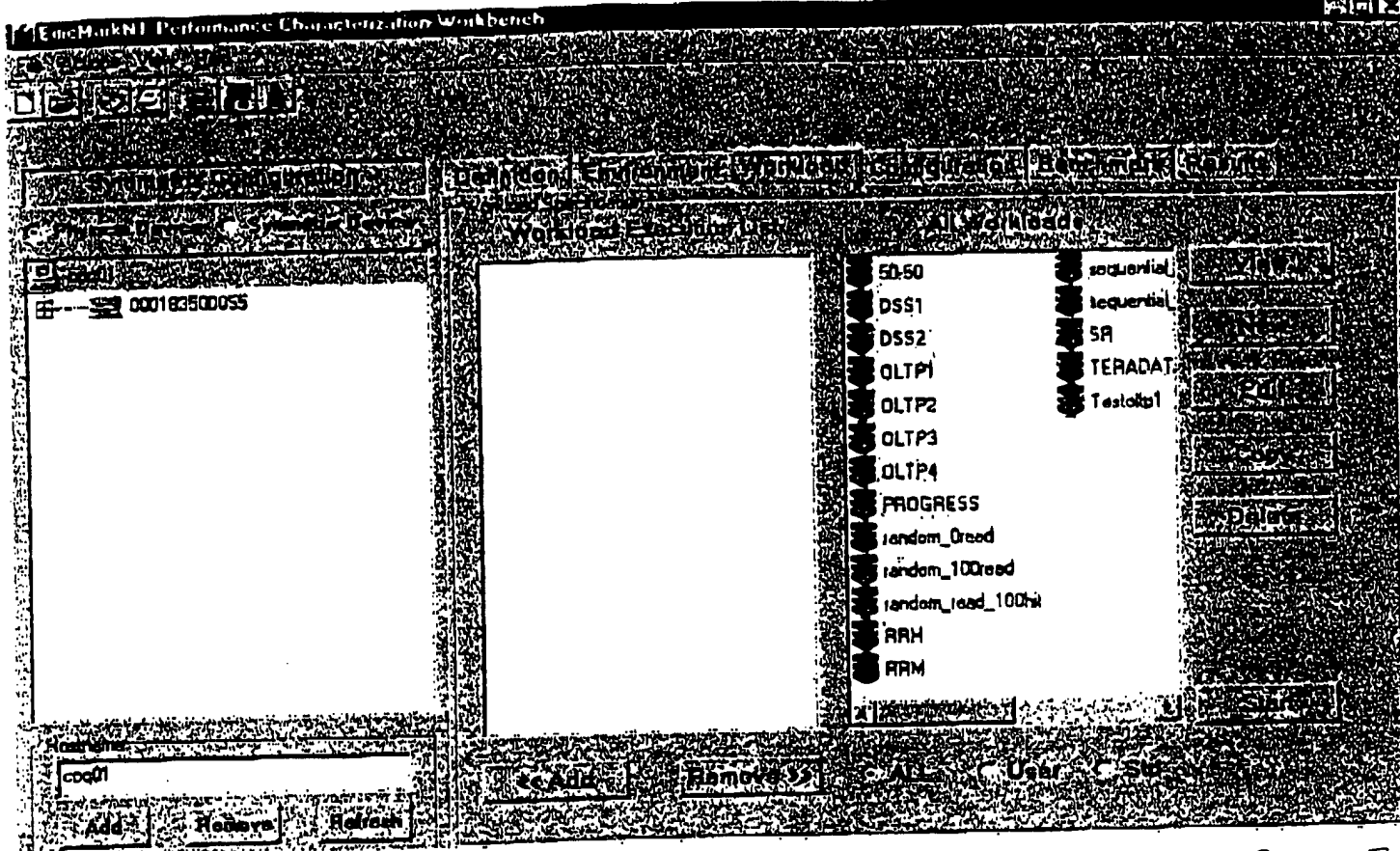


FIG 9F

All - All available Workloads **User** - User Defined Workloads **Std** - Standard Workloads

View - Allows viewing of the detailed definition of a Workloads

New - Brings up the Define Workloads form to define a new Workloads

Edit - Allows editing of User Defined Workloads

Copy - Copies the selected Workload into a new name, then brings up the Edit screen allowing edits to the new Workload.

Delete - Only for User Defined Workloads. Allows the deletion of a Workload.

Add - Moved the selected Workload over to the Workloads Execution List.

Remove - Removes item from the Workloads Execution List to the All Workloads List

Start - Brings up the Workloads Execution form to define and start the Workloads

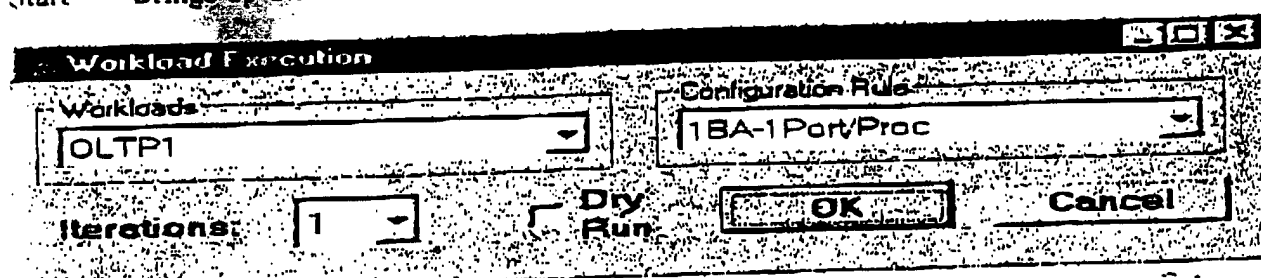


FIG 9G

Iterations - The number of iterations the Workload should run for

Dry Run - Dry run will run through the scripts but not execute the Workload

OK - Will execute the Workload, bringing up the EmcMark Workload monitor window

Cancel - Will cancel the Workload execution

Response Time Workload

0964268-081800

- Max Seg cannot be ϕ
- Max Seg - max w. Max Seg selection

FD-94

Throughput Workload

View Workload

random_100read

1.0 0 20000

30 0 4 0

4 0 0 0

Workload Transaction Definition

Size	% of Workload	% Hit	% Random	% Read	% Write	% Seq	% Back
0 MB 0 KB 0 B	100	0	100	100	0 MB 0 KB 0 B	0 MB 0 KB 0 B	0 MB 0 KB 0 B

Request Size: 0 MB 0 KB 0 B

Alignment: 0 MB 0 KB 0 B

Back Alignment: 0 MB 0 KB 0 B

% of Workload: 100

% Cache Miss/Hit: 100

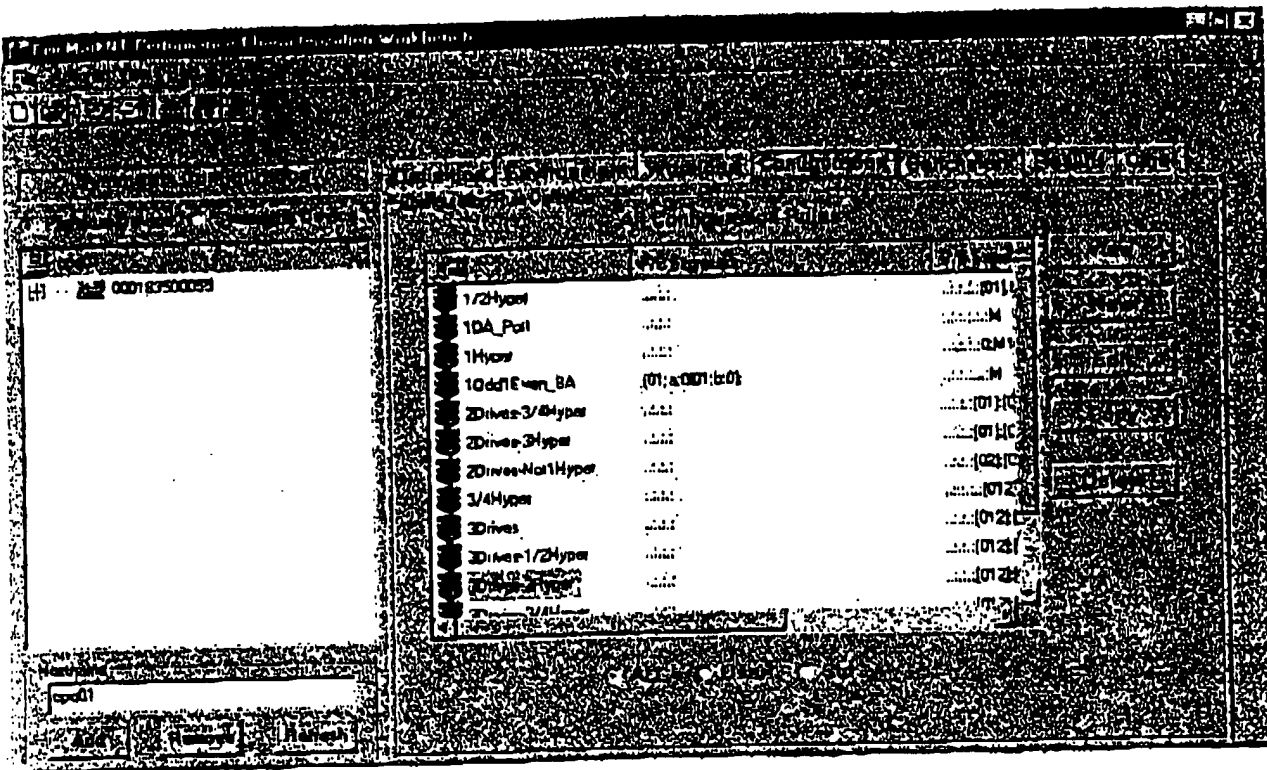
% Sequential/Random: 0 100

% Write/Read: 0 100

Insert Remove

FIG 9I

Configuration Tab



All - All available Rules User - User Defined Rules Std - Standard Rules

(Fig. 9)

- View - Allows viewing of the detailed definition of Rule
- New - Brings up the Define Workloads form to define a new Rule
- Edit - Allows editing of User Defined Rules
- Copy - Copies the selected Rule into a new name, then brings up the Edit screen allowing edits to the new Rule.
- Delete - Only for User Defined Rules. Allows the deletion of a Rule.

0001:00000000

Define Configuration

Front End - BA/Processor/Port information pulled from SymAPI if Symmetrix connected
 Back End - D/V/Processor/Port information pulled from SymAPI if Symmetrix connected

Mirros, TIDs and IUNS information pulled from SymAPI if Symmetrix connected

All/None buttons toggle checked boxes on or off.

Build Button - will built the expressions if the information has been downloaded from the Symmetrix. If no information is available then the expressions can be manually added to the F/E Expression and B/E Expression boxes.

Update Button - will update the F/E Expression and B/E Expression into the database.

OK will save the rule into the database
 Cancel will terminate the definition

FIG 9K

Benchmark Tab

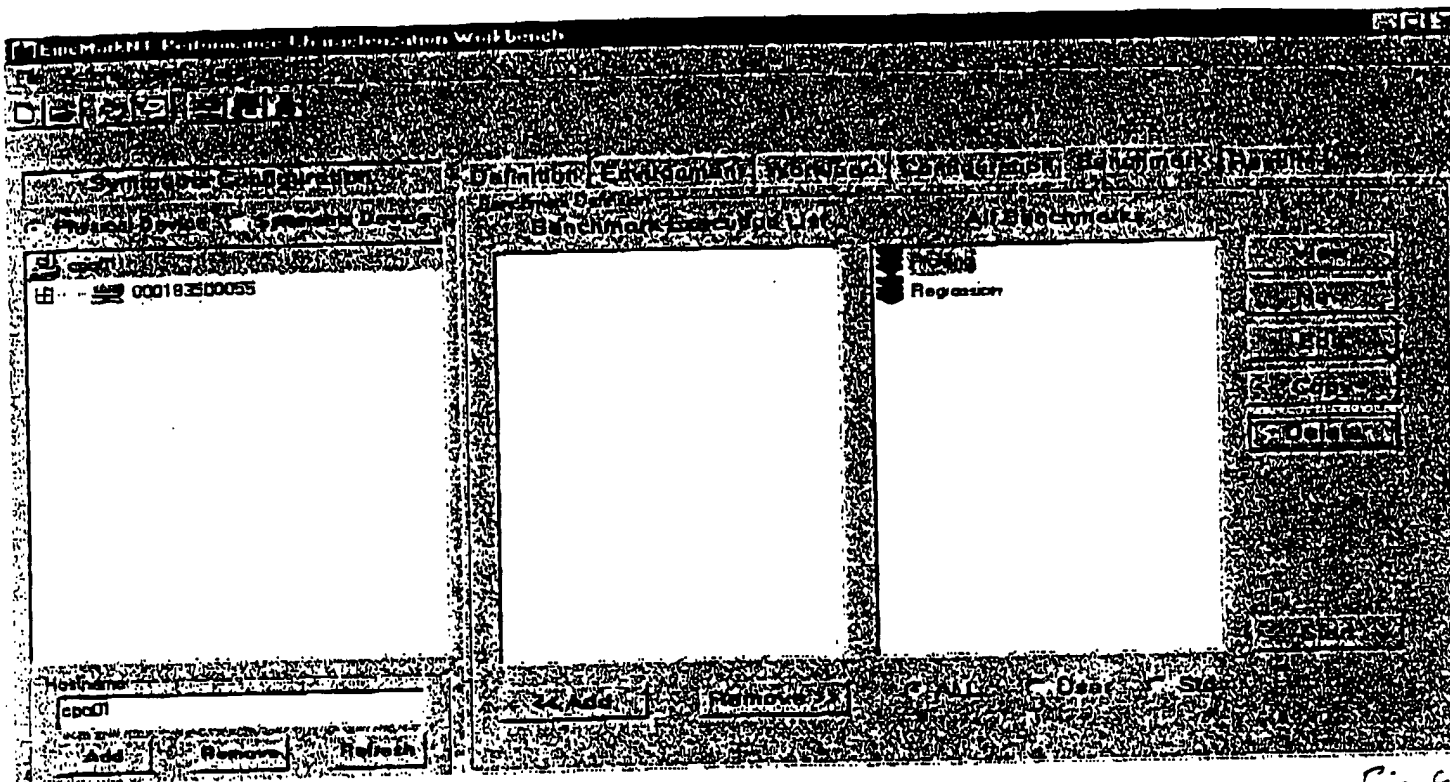


Fig 9

All - All available Benchmarks User - User Defined Benchmarks Std - Standard Benchmarks

- View - Allows viewing of the detailed definition of a benchmark
- New - Brings up the Define Benchmark form to define a new benchmark
- Edit - Allows editing of User Defined Benchmarks
- Copy - Copies the selected benchmark into a new name, then brings up the Edit screen allowing edits to the new benchmark.
- Delete - Only for User Defined Benchmarks. Allows the deletion of a benchmark.
- Add - Moved the selected benchmark over to the Benchmark Execution List. Only one Benchmark can be in the Execution list at a time
- Remove - Removes item from the Benchmark Execution List to the All Benchmarks List
- Start - Brings up the Benchmark Execution form to define and start the benchmark

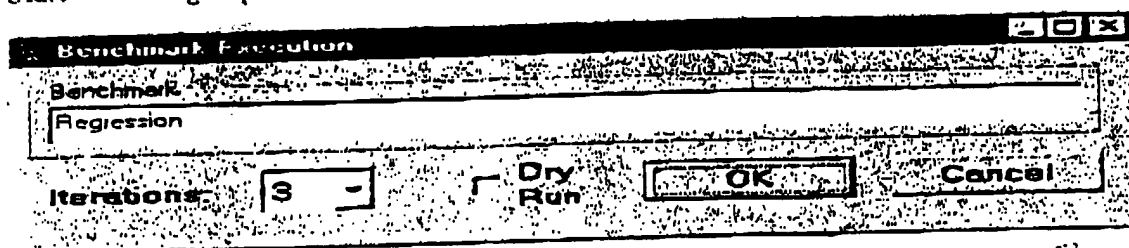


Fig 9.1

- Iterations- The number of iterations the benchmark should run for
- Dry Run - Dry run will run through the scripts but not execute the benchmark
- OK - Will execute the benchmark, bringing up the EmcMark Benchmark monitor window
- Cancel - Will cancel the benchmark execution

Define Benchmark

00542268.031300

View Benchmark

Regression

Benchmark Name: Regression

Parameter	Configuration Rule	Value	Unit	Min	Max
RAM	1Hyper	-1			
RAM	Everything	-1			
OLTP1	Everything	-1			
OLTP2	3Hypers/4Drives	-1			
OLTP3	1Hyper/2Drives	-1			
DSS1	1Hyper	-1			
DSS2	Everything	-1			
TERADATA	2Drives/DA-3Hyper/4Drives	-1			

Max Test Period: Min Test Period: Segment: Segment: Max Sequential IOPS:

Multiplex: LSeeks: Start BVE: Disk Extent: 50%

Workload: Configuration Rule: Insert Remove

1Hyper

File 90

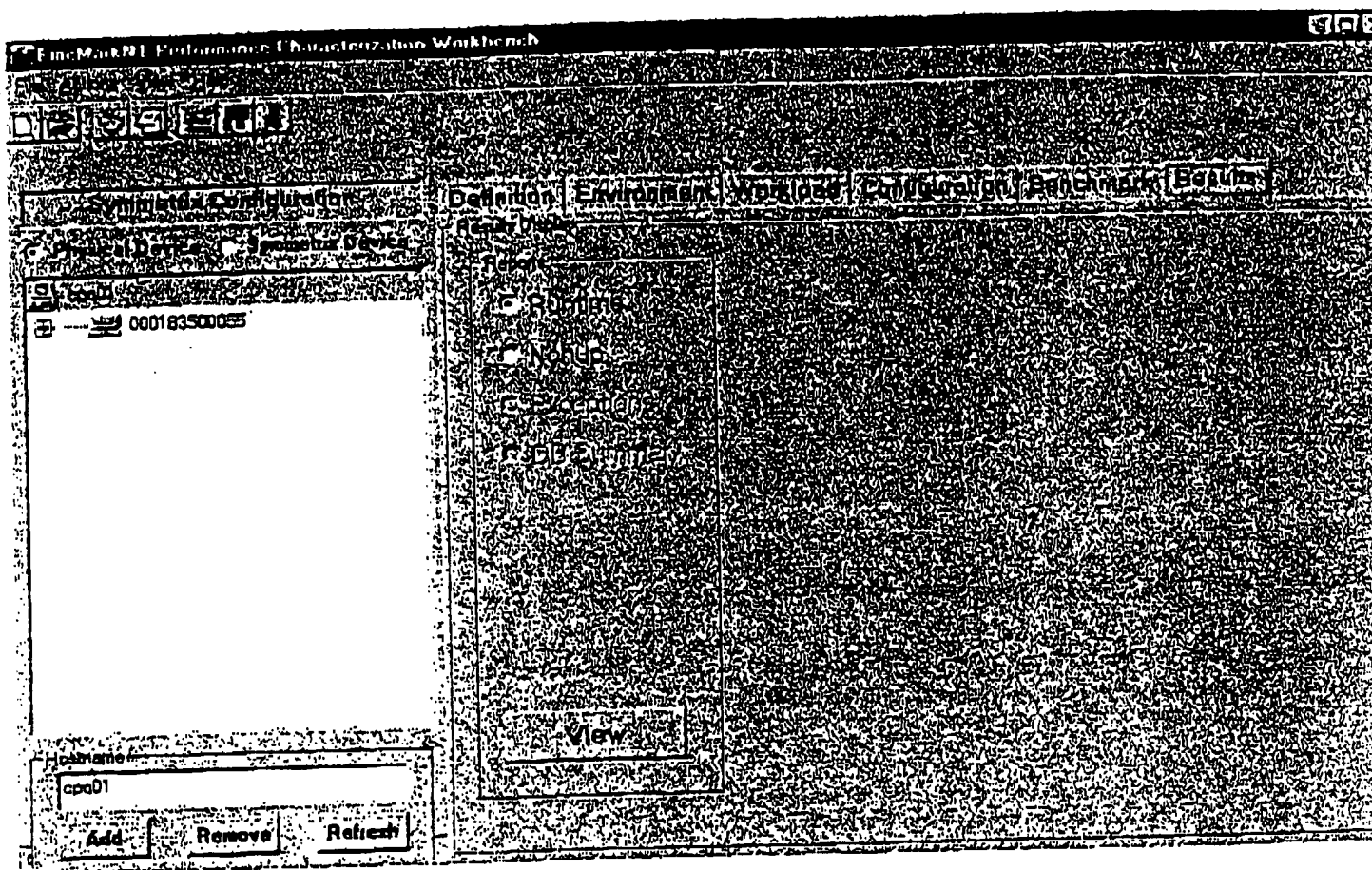


Fig 90

008180802268.081800

008T80 88221960

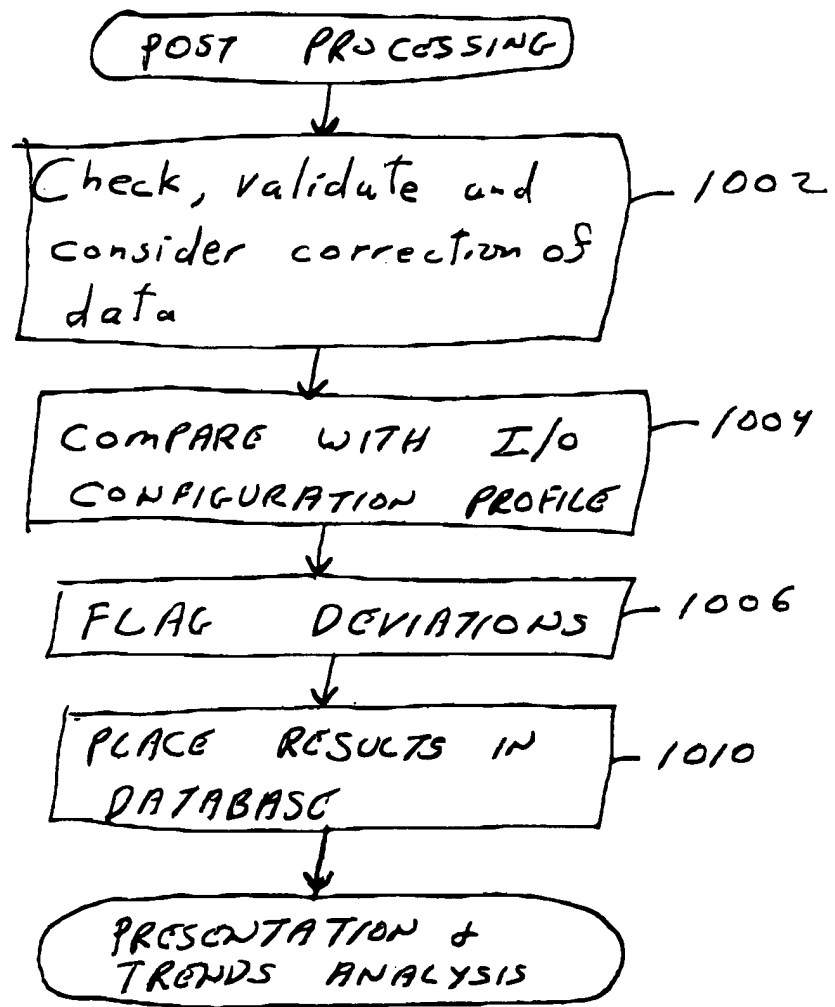


FIG. 10

This function is used when your data format is not standard and you need to sort your data in the correct format for Splus to read the file.

Fig. 10A

1. Select CTRL A
2. The Advanced Characterization Window will appear
3. Select the correct row/column/configuration/test description options for your data
4. Select the summary functions for your data
5. Select OK
6. A Characterization file will be generated in the Post Processing Folder with the extension _adv.txt

FIG. 10 B

1. Select CTRL B
2. The Advanced DB Simulator Window will appear
3. Select the correct row/column/configuration/test description options for your data
4. Select the summary functions for your data
5. Select OK
6. A DB Simulator file will be generated in the Post Processing Folder with the extension _adv.txt

File Descriptions

File Name	Description	HighLights
Char.Summary	Summary file of each Characterization test broken down by iteration, test type, and configuration	
Char.Splus	Data file feed to Splus to create Characterization Objects	
Char.Errors	Characterization errors produced from processing the raw data files.	Message appears if error file exists.
SX.Summary	SX summary data broken down by iteration, test type and configuration.	
SX.Splus	Data file feed to Splus. Used with Char.Summary file to create Characterization Objects	
SX.Errors	SX errors from processing the raw data files	Message appears if error file exists.
DB.Table	Summary file of each DB Simulator test broken down by iteration, test type and configuration	
DB.Splus	Data file feed to Splus to create DBSimulator Objects	
DB.Errors	DB Simulator errors produced from processing the raw data files	Message appears if error file exists.
SX_DB.Summary	SX DB summary data broken down by iteration, test type and configuration.	
SX_DB.Splus	Data file feed to Splus. Used with DB.Splus file to create DBSimulator Objects	
SX_DB.Errors	SX_DB errors produced from processing the raw data files	Message appears if error file exists.
Cache Ratio Report	Report tracking the Cache ratio from the Sym and the processed data	Rep rt name: "CacheRatioReport.txt" Located in the Raw Data folder Message appears if a report

Fig. 11

008T80" 09224960

EmcMarkII Data Reduction Workbench

File Edit Project Log View Help

Project | Test Phase | Data Transfer | Process Raw Data | Post Processing | Reporting | Database | Charts

MSD File: F:\TestArea\Regression.5266.Overnight\Database\symm48.5266

Database: F:\TestArea\Regression.5266.Overnight\Database\symm48.5266

Test Type: Random Delayed Fast Write

☒ symm48.5266.lib

☒ Freeze 5266.34.22 lib

☐ Freeze 5266.34.22 lib

☐ Freeze 5266.34.22 lib

Channelization

Red Size: 512 LUN: 1

Hypers: 1 Drives: 2

BA: 1 DA: 2

BA Ports: 1 DA Ports: 2

Type: Online Chart

By Test Type

View All

Percent Scale

Value Scale

Per Page: 2 6 9 15

4 8 12 16

Load DB Defaults

Chart

F:\TestArea\symm48.5266.lib\Freeze.38.Freeze

2/2/00 4:08 PM

1208

1202

120

1204

1206

Fig. 12